



Oracle Platform Assessment

Performance review of Oracle platforms.



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Experienced consultants will check the performance characteristics of your Oracle platform within a few days. Performance metrics are the result that answers the questions of capacity planning, efficiency, quality, and price/performance ratios of Oracle platforms.

Proof-of-Performance

Does a platform meet the performance requirements? Are the performance specifications of the manufacturer achieved? Are there bottlenecks in the platform that lead to performance problems for applications?

Quality assurance for system changes

Platforms are subject to continuous change management: hardware components will be exchanged, the software will be updated, configuration parameters will be adjusted. In case of such system changes, the impact on performance must be checked regarding quality assurance.

Platform Evaluation

An essential aspect of evaluations is the price/performance ratio. Of course, considering the Oracle licensing, peakmarks provides facts about the price/performance ratio in the form of easy-to-understand and comprehensible performance indicators. Within a short time, IT management gets adequate figures for investment decisions.

Capacity planning

What are the performance limits of a platform? To what extent are the performance limits already exhausted? How much power does the system offer?

peakmarks® Benchmark Software

With over 50 representative workloads, peakmarks is the most comprehensive benchmark suite for Oracle platforms.

All workloads - also for measuring components like processors, server system, and storage system - are generated from Oracle. This is the only way to get realistic performance metrics for Oracle platforms.

Performance metrics for platform components such as a processor, server, and storage are critical optimizing Oracle license and maintenance costs.



peakmarks® benchmark software is entirely written in PL/SQL and runs on all Oracle database versions. The following Oracle options are supported: Oracle Real Application Cluster, Oracle DataGuard, Oracle In-Memory Option.

The peakmarks® Benchmark Software scales from notebooks to the largest SMP servers or clusters with a maximum of 16 nodes. The size of the database is configurable between 32 GB and 48 TB per cluster node.

Only the most critical performance statistics from the Oracle repository are provided in easily comprehensible reports. For traceability, an AWR or STATSPACK report is generated for each performance test.

An increasing load analyzes the system behavior from «best-case» behavior (single process) to system saturation.

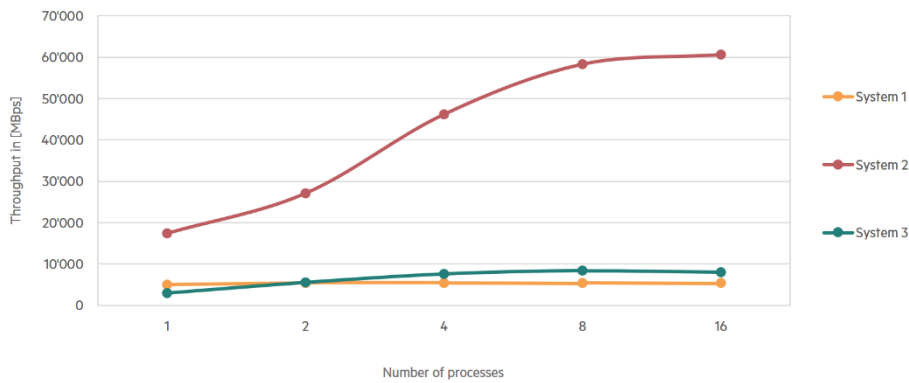


Fig. 1 peakmarks provides independent performance data for decision-makers: in this case, the throughput of the «sequential scan» of a data warehouse platform is measured.

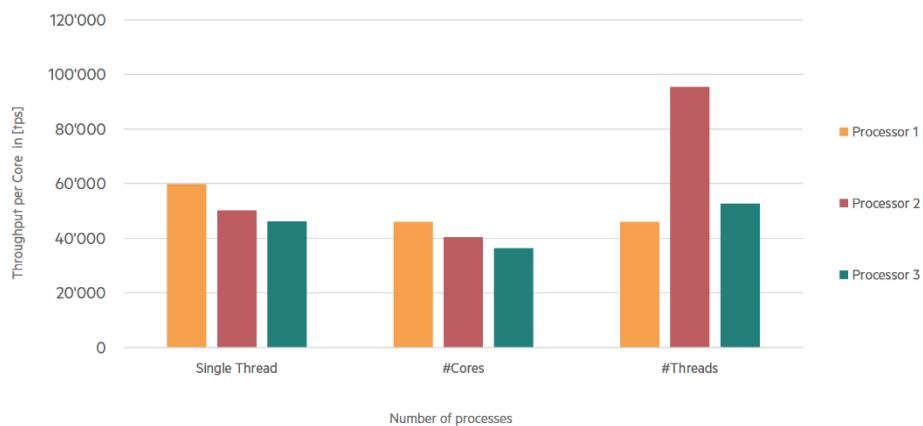


Fig. 2 peakmarks provides independent performance data for decision-makers: in this case, the transaction rate is measured for a simple browse function for an OLTP system. The per-core throughput has a significant impact on the Oracle license costs.



Results

The results are documented in a performance certification (datasheet).

Also, the results will be presented and explained using a comprehensive Powerpoint presentation with all detailed results. If requested, comparisons can with «best-in-class» systems are made.

Costs

A comprehensive benchmark run including evaluation and compilation of the results takes about five days.

This service is offered as a fixed-price project for CHF 12'750 in Switzerland. This includes all expenses and the software license for the peakmarks benchmark software.

For other locations, please ask for a non-binding offer.

If you would like to carry out the benchmark tests yourself, you can rent peakmarks benchmark software for a specified period.

For further information, we are at your disposal.

About peakmarks Ltd

peakmarks is the leading provider of benchmark software for Oracle platform platforms.

With a unique approach, easily understandable and representative performance metrics of Oracle platforms are identified. These metrics provide answers to questions of quality, efficiency, capacity planning, and price/performance ratios of Oracle platforms.